

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/475,470ADATE: 09/05/96  
TIME: 11:38:42

INPUT SET: S12510.raw

This Raw Listing contains the General  
Information Section and those Sequences  
containing ERRORS.

Does Not Comply  
Corrected Diskette Needed

Seq. 13

## SEQUENCE LISTING

## (1) General Information:

- (i) APPLICANTS: Samulski, Richard J.  
Walsh, Christopher E.  
Nienhuis, Arthur W.  
Liu, Johnson M.  
Miller, Jeffrey L.

- (ii) TITLE OF INVENTION: Adeno-Associated Virus Vector and  
Cis-Acting Regulatory and Promoter Elements Capable of  
Expressing At Least One Globin Gene and Methods of Using  
the Same for Gene Therapy

- (iii) NUMBER OF SEQUENCES: 20

## (iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: Eckert Seamans Cherin & Mellott  
(B) STREET: 1700 Market Street, Suite 3232  
(C) CITY: Philadelphia  
(D) STATE: PA  
(E) COUNTRY: USA  
(F) ZIP: 19003

## (v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

## (vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER: 08/475,470  
(B) FILING DATE: 06/07/95  
(C) CLASSIFICATION:

## (viii) ATTORNEY/AGENT INFORMATION:

- (A) NAME: Gould, Jr., Lewis F.  
(B) REGISTRATION NUMBER: 25,057  
(C) REFERENCE/DOCKET NUMBER: 115132-4

## (ix) TELECOMMUNICATION INFORMATION:

- (A) TELEPHONE: 215/575-6000  
(B) TELEFAX: 215/575-6015

INPUT SET: S12510.raw

46

## ERRORED SEQUENCES FOLLOW:

335 (2) INFORMATION FOR SEQ ID NO:19:  
336  
337 (i) SEQUENCE CHARACTERISTICS:  
--> 338 (A) LENGTH: 24 base pairs  
339 (B) TYPE: nucleic acid  
340 (C) STRANDEDNESS: single  
341 (D) TOPOLOGY: linear  
342  
343 (ii) MOLECULE TYPE: oligonucleotide  
344  
345  
346  
347 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:19:  
348  
349 TCTCAGCCTA GAGTGATGAC  
350

discrepancy

Please  
review  
carefully  
& edit.

20

08/475,470A

## Notice of Availability

### Applicant Aid for Biotechnology Computer Readable Form (CRF) Sequence Listings Submissions

The Patent and Trademark Office (PTO) has developed a computer program, called Checker, that will aid applicants in identifying and correcting errors prior to making submissions for compliance with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (sequence rules: 37 CFR 1.821 through 1.825). (Final rules were published in the *Federal Register* (55 FR 18230) on May 1, 1990, and in the *PTO Official Gazette* (1114 Off.Gaz.PatOffice 29) on May 15, 1990.)

Checker is a DOS-based software program that is intended to assist users in determining whether errors may be present in the sequence listings, and is not intended to guarantee that the submission is error-free.

The most current version of the software will be available via computer downloading (details below). Copies on diskette are also available. Updated software versions will not be automatically mailed out; any updates will be announced in the *PTO Official Gazette*.

The software can be accessed/requested in the following locations:

- 1) Dial-up access to the Patent and Trademark Office Bulletin Board System.  
Phone number: 703-305-8950  
Cost: Free-of-charge
- 2) Dial-up access through the Internet. FTP site: ftp.uspto.gov  
Login as "anonymous". Software is in directory /pub/checker  
Cost: Free-of-charge
- 3) For diskette copies, telephone requests to 703-306-2600.  
Cost: \$25.00

*For Further Information Contact: Meredith Beckhardt at 703-308-4212.*

*Masker*

*Authorized edit by Haninen*

Errors Corrected by the STIC Systems Branch

Serial Number: 08/475,470A

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☒ Corrected an obvious error in the response, specifically:  
Seq 19 - changed (A) LENGTH: response to "20"
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95